# Hard Drive Guide Screws
# Replacement Instructions

Follow the instructions in this sheet carefully. Failure to follow these instructions could damage your equipment and void its warranty.

**Note:** Online instructions are available at http://www.info.apple.com/installparts/.

## Tools Required

The only tool required for this procedure is a Phillips screwdriver.

## Opening the Computer

1. Shut down the computer.

   **Warning:** Always shut down the computer before opening it to avoid damaging its internal components or the components you are installing. Do not open the computer or attempt to install items inside it while it is on.

2. Wait 5 to 10 minutes to allow the computer's internal components to cool.

   **Warning:** After you shut down the system, the internal components can be very hot. You must let the computer cool down before continuing.

3. Unplug all external cables from the computer except the power cord.

4. Touch the metal PCI access covers on the back of the computer to discharge any static electricity from your body. **(Figure 1)**

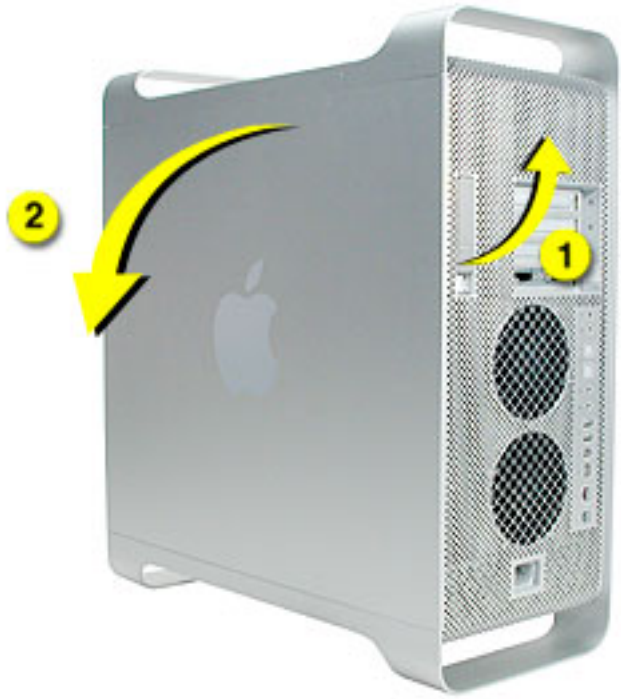
   **Important:** Always discharge static before you touch any parts or install any components inside the computer. To avoid generating static electricity, do not walk around the room until you have finished working and closed the computer.

**Figure 1**

5. Unplug the power cord.
6. Hold the side access panel and lift the latch on the back of the computer. **(Figure 2)**

   **Warning**: The edges of the access panel and the enclosure can be sharp. Be very careful when handling them.
7. Remove the access panel and place it on a flat surface covered by a soft, clean cloth.

**Figure 2**



8. Remove the air deflector and place it on a soft, clean cloth. **(Figure 3)**

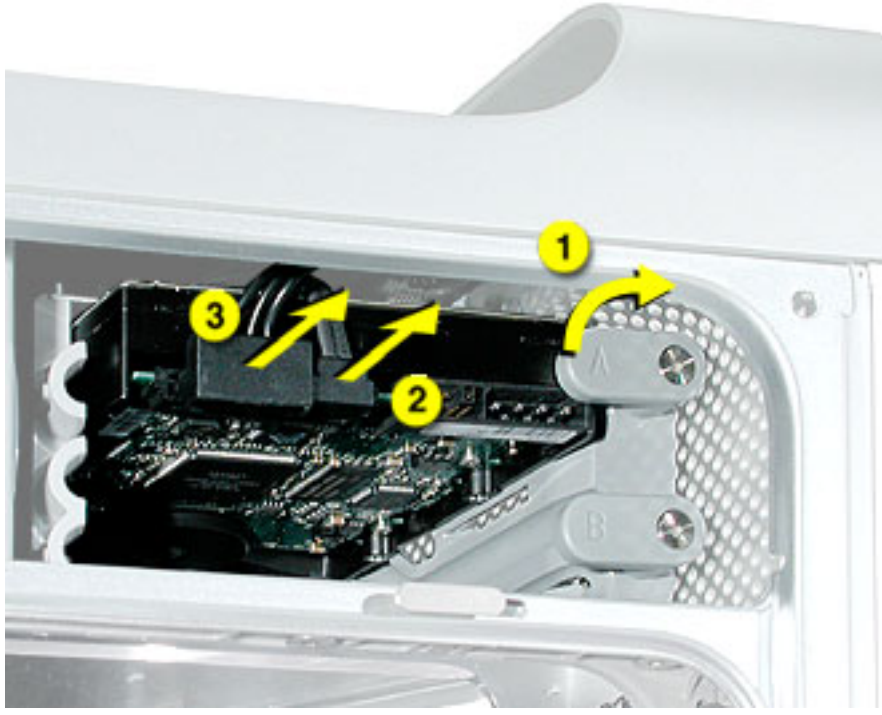
**Figure 3**

**Important:** Always remember to replace the air deflector after you have finished working inside your computer. The Power Mac G5 computer will not function properly if the air deflector is not replaced.

## Removing the Installed Hard Drive Guide Screws

1. Release the drive locking tab on the top hard drive by rotating the tab up. **(Figure 4)**
2. Disconnect the drive data cable and power cable from the hard drive.

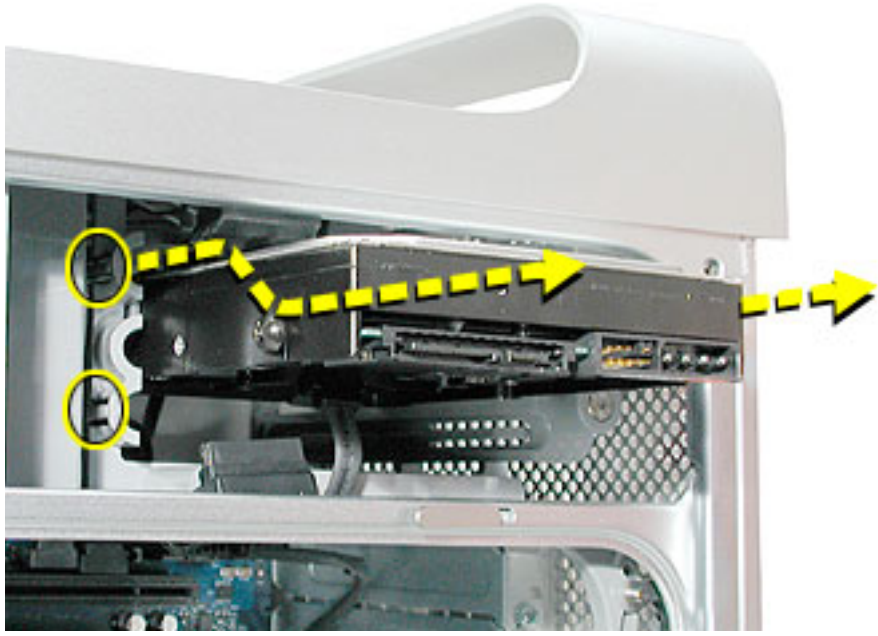
**Figure 4**



3. Pull the drive out of the drive bay. **(Figure 5)**

   **Important:** If the printed circuit board (PCB) is exposed on the bottom of the hard drive, hold the drive by its sides. To avoid damaging the replacement drive, take care not to touch the PCB when removing or installing the drive.

**Figure 5**



4. Remove the four guide screws from the sides of the hard drive. **(Figure 6)**

**Figure 6**

5. Repeat steps 1–4 for the bottom drive, if installed.

## Installing the Replacement Hard Drive Guide Screws

1. Install the four replacement guide screws on the sides of the top hard drive. **(Figure 7)**

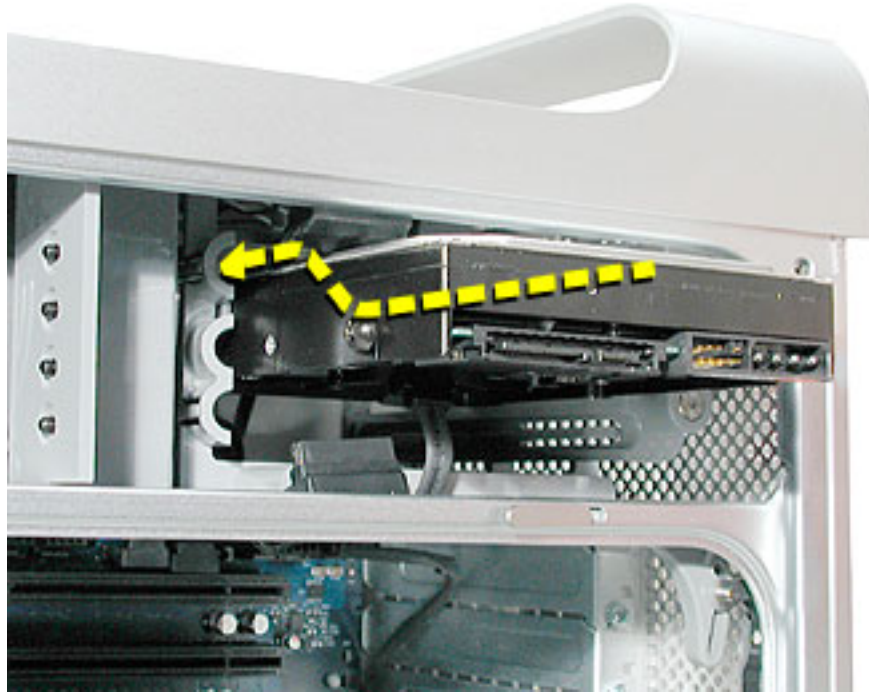
   **Important:** Use only the replacement guide screws on the drive. Discard the drive's original guide screws and any guide screws from the side of the hard drive bay.

**Figure 7**

2. Repeat step 1 for the bottom drive.

3. To replace the top drive, make sure the guide screws align with the middle slot of the drive bay, and then gently push the drive into the bay until it snaps into place in the top position. **(Figure 8)**

**Figure 8**



4. To replace the bottom drive, align the guide screws with the bottom slot of the drive bay and slide the drive in until it snaps into place.
5. Connect the drive power cable and the data cable to the top drive.
6. Rotate the drive locking tab down to secure the drive.
7. Repeat steps 4–5 for the bottom drive.

## Closing the Computer

1. Replace the air deflector by inserting the three tabs on the bottom edge of the deflector into the three slots in the bottom frame of the enclosure. Then swing the deflector up flush against the top frame.

   **Important:** Make sure you re-install the air deflector before replacing the access panel. If the air deflector is not installed, the computer will not function properly.

2. Replace the access panel.

   **Note:** Make sure the latch is in the up position before replacing the access panel. If the latch is down, the access panel will not seat correctly in the enclosure.

3. Push the latch down to close and secure the access panel.

   **Warning:** Never turn on the computer unless all of its internal and external parts are in place and it is closed. Operating the computer when it is open or missing parts can damage it or cause injury.

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